

ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	NICKEL
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	NICKEL
E	WASHER	BRASS	NICKEL
F	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	15-APR-14	SAH
B	UPDATED NOTE 3; ADDED FLAG NOTE 7 AND VIEW TO ILLUSTRATE CONNECTOR ORIENTATION; ADDED DIMENSIONS; UPDATED DESCRIPTION TABLE; ADDED NOTE 5	1-SEP-15	SAH
C	UPDATED TO ADD DIMENSIONS TO NUT AND WASHER	13-JUL-16	SAH

D

D

C

C

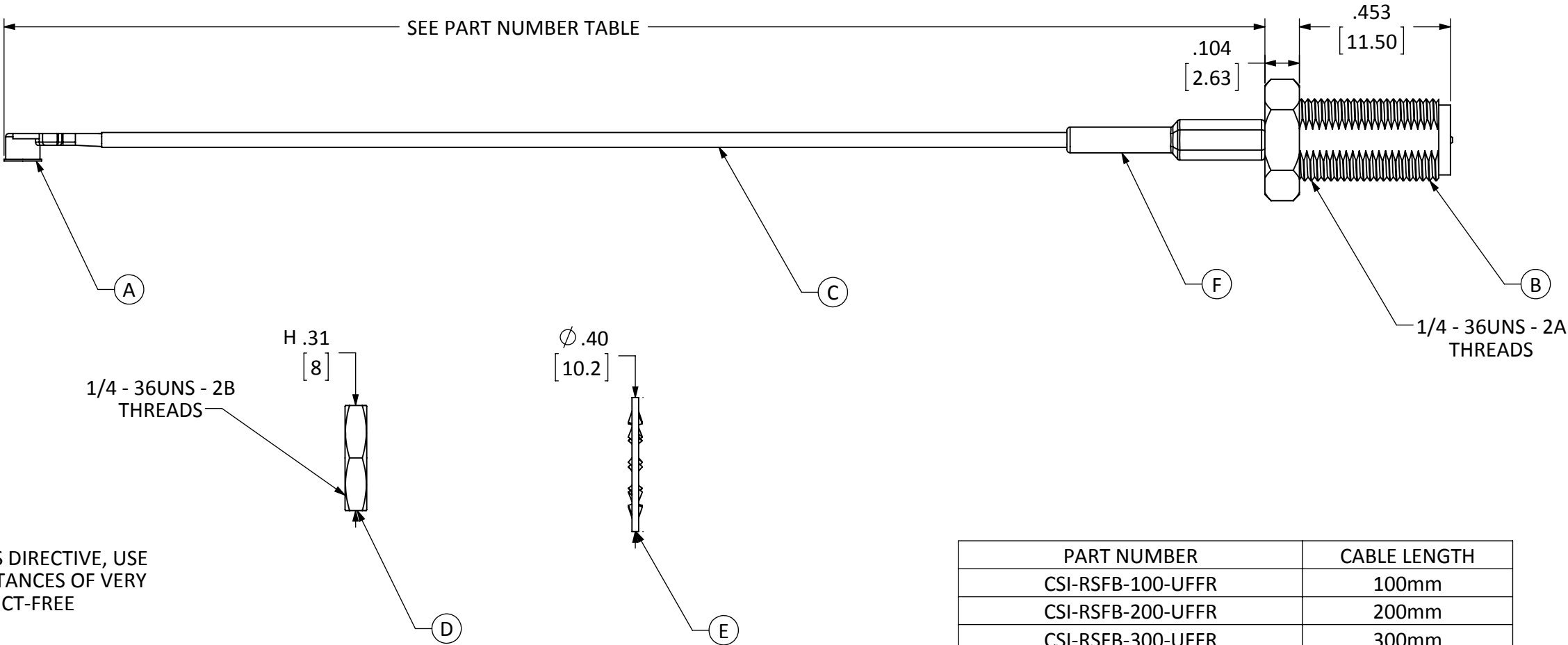
B

B

A

A

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN INCHES [mm].
 - DIMENSIONS APPLY AFTER FINISHING.
 - MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
 - MINIMUM FREQUENCY RANGE: DC TO 3GHz.
 - CABLE ASSEMBLY SPECIFICATIONS;
 - CHARACTERISTIC IMPEDANCE: 50Ω ± 3Ω
 - INSERTION LOSS: 100mm - 0.34vf IN GHz TYP.
200mm - 0.56vf IN GHz TYP.
300mm - 0.73vf IN GHz TYP.
 - CONNECTOR TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE.
- 7** CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.



PART NUMBER	CABLE LENGTH
CSI-RSFB-100-UFFR	100mm
CSI-RSFB-200-UFFR	200mm
CSI-RSFB-300-UFFR	300mm

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MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	SURFACE FINISH: $\sqrt{\text{X}}$ ANGLES: $\pm 1^\circ$	
	TOLERANCES: .X $\pm .1$.XX $\pm .01$.XXX $\pm .005$	
FINISH:	DRAWN: B.MURPHY DT: 26-MAR-14	
	ENGR: S.HOGAN DT: 15-APR-14	

Linx 159 ORT LANE
MERLIN, OR 97532

TITLE:
**CABLE ASSEMBLY, U.FL TO FEM.
BLKHD RP-SMA, 1.13mm CBL**

SIZE	DWG. NO.	REV
B	CSI-RSFB-ccc-UFFR	C
SCALE: 2.5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1